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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Patent Application of

Paul Sage

Application No. 10/088,831

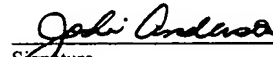
Confirmation No.: 2269

Filed: March 22, 2002

Examiner: Unknown

"PIPE NETWORK OPTIMISATION"

I, Jodi Anderson, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the date of my signature.

  
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INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO-1449 and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,



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**Form PTO-1449**  
(Rev. 2-32)

**U.S. Department of Commerce  
Patent and Trademark Office**

Atty. Docket No. 063511/9052

Serial No. 10/088,831

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

**First Named Inventor : Paul Sage**

Filing Date **March 22, 2002**

Group

## U.S. PATENT DOCUMENTS

[illegible]

**Examiner**

Date Considered

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form PTO-1449</b> (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.: <b>063511/9052</b>	Serial No.: <b>10/088,831</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		First Named Inventor: <b>Paul Sage</b>	
		Filing Date: <b>March 22, 2002</b>	Group:

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			M. Collins et al.: "Solving the Pipe Network Analysis Problem Using Optimization Techniques," Management Science, Vol. 24, No. 7, March 1978, Pages 747-760, XP001033599, USA, Page 748, Line 7, Page 755, Line 20
			J. Zhang et al.: "A Bilevel Programming Method for Pipe Network Optimization," Siam Journal on Optimization, Vol. 6, No. 3, August 1996, Pages 838-857, XP001032941, USA, Page 839, Line 1, Page 842, Line 24
			G. Xue et al.: "Computing the Minimum Cost Pipe Network Interconnecting One Sink and Many Sources," Siam Journal of Optimization, Vol. 10, No. 1, 1999, Pages 22-42, XP001032937, USA, Page 23, Line 27, Page 29, Line 34
			E. Mathews et al.: "A Numerical Optimization Procedure for Complex Pipe and Duct Network Design," Int. J. Num. Meth. Heat Fluid Flow, Vol. 5, No. 5, July 1995, Pages 445-457, XP001033595, UK, Page 451, Line 9, Page 452, Line 6
			T. Lekane et al.: "Long-Term Optimization Model of Tree Water Networks," Eur. J. Oper. Res., Vol. 4, No. 1, January 1980, Pages 7-15, XP001033597, The Netherlands, Page 8, Left-hand column, Line 36, Page 11, Right-hand column, Line 34
			D. Savic et al.: "Genetic Operators and Constraint Handling for Pipe Network Optimization," Selected Papers. Evolutionary Computing. AISB Workshop, 3 April 1995, Pages 154-165, XP001033594, Germany, Page 155, Line 33, Page 158, Line 17

Examiner	Date Considered
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